

ABSTRACT

Figure 1. The effect of the concentration of the *Agrobacterium* strain on the transformation efficiency of *Agrobacterium* strain 102. The *Agrobacterium* strain 102 was cultured in YEA medium for 24 h at 28°C. The cell concentration was adjusted to 1.0 × 10⁸ cells/ml. The cell suspension was mixed with the cell suspension of the *Agrobacterium* strain 102 at a ratio of 1:1, 1:2, 1:3, 1:4, 1:5, 1:6, 1:7, 1:8, 1:9, 1:10, 1:11, 1:12, 1:13, 1:14, 1:15, 1:16, 1:17, 1:18, 1:19, 1:20, 1:21, 1:22, 1:23, 1:24, 1:25, 1:26, 1:27, 1:28, 1:29, 1:30, 1:31, 1:32, 1:33, 1:34, 1:35, 1:36, 1:37, 1:38, 1:39, 1:40, 1:41, 1:42, 1:43, 1:44, 1:45, 1:46, 1:47, 1:48, 1:49, 1:50, 1:51, 1:52, 1:53, 1:54, 1:55, 1:56, 1:57, 1:58, 1:59, 1:60, 1:61, 1:62, 1:63, 1:64, 1:65, 1:66, 1:67, 1:68, 1:69, 1:70, 1:71, 1:72, 1:73, 1:74, 1:75, 1:76, 1:77, 1:78, 1:79, 1:80, 1:81, 1:82, 1:83, 1:84, 1:85, 1:86, 1:87, 1:88, 1:89, 1:90, 1:91, 1:92, 1:93, 1:94, 1:95, 1:96, 1:97, 1:98, 1:99, 1:100, 1:101, 1:102, 1:103, 1:104, 1:105, 1:106, 1:107, 1:108, 1:109, 1:110, 1:111, 1:112, 1:113, 1:114, 1:115, 1:116, 1:117, 1:118, 1:119, 1:120, 1:121, 1:122, 1:123, 1:124, 1:125, 1:126, 1:127, 1:128, 1:129, 1:130, 1:131, 1:132, 1:133, 1:134, 1:135, 1:136, 1:137, 1:138, 1:139, 1:140, 1:141, 1:142, 1:143, 1:144, 1:145, 1:146, 1:147, 1:148, 1:149, 1:150, 1:151, 1:152, 1:153, 1:154, 1:155, 1:156, 1:157, 1:158, 1:159, 1:160, 1:161, 1:162, 1:163, 1:164, 1:165, 1:166, 1:167, 1:168, 1:169, 1:170, 1:171, 1:172, 1:173, 1:174, 1:175, 1:176, 1:177, 1:178, 1:179, 1:180, 1:181, 1:182, 1:183, 1:184, 1:185, 1:186, 1:187, 1:188, 1:189, 1:190, 1:191, 1:192, 1:193, 1:194, 1:195, 1:196, 1:197, 1:198, 1:199, 1:200, 1:201, 1:202, 1:203, 1:204, 1:205, 1:206, 1:207, 1:208, 1:209, 1:210, 1:211, 1:212, 1:213, 1:214, 1:215, 1:216, 1:217, 1:218, 1:219, 1:220, 1:221, 1:222, 1:223, 1:224, 1:225, 1:226, 1:227, 1:228, 1:229, 1:230, 1:231, 1:232, 1:233, 1:234, 1:235, 1:236, 1:237, 1:238, 1:239, 1:240, 1:241, 1:242, 1:243, 1:244, 1:245, 1:246, 1:247, 1:248, 1:249, 1:250, 1:251, 1:252, 1:253, 1:254, 1:255, 1:256, 1:257, 1:258, 1:259, 1:260, 1:261, 1:262, 1:263, 1:264, 1:265, 1:266, 1:267, 1:268, 1:269, 1:270, 1:271, 1:272, 1:273, 1:274, 1:275, 1:276, 1:277, 1:278, 1:279, 1:280, 1:281, 1:282, 1:283, 1:284, 1:285, 1:286, 1:287, 1:288, 1:289, 1:290, 1:291, 1:292, 1:293, 1:294, 1:295, 1:296, 1:297, 1:298, 1:299, 1:300, 1:301, 1:302, 1:303, 1:304, 1:305, 1:306, 1:307, 1:308, 1:309, 1:310, 1:311, 1:312, 1:313, 1:314, 1:315, 1:316, 1:317, 1:318, 1:319, 1:320, 1:321, 1:322, 1:323, 1:324, 1:325, 1:326, 1:327, 1:328, 1:329, 1:330, 1:331, 1:332, 1:333, 1:334, 1:335, 1:336, 1:337, 1:338, 1:339, 1:340, 1:341, 1:342, 1:343, 1:344, 1:345, 1:346, 1:347, 1:348, 1:349, 1:350, 1:351, 1:352, 1:353, 1:354, 1:355, 1:356, 1:357, 1:358, 1:359, 1:360, 1:361, 1:362, 1:363, 1:364, 1:365, 1:366, 1:367, 1:368, 1:369, 1:370, 1:371, 1:372, 1:373, 1:374, 1:375, 1:376, 1:377, 1:378, 1:379, 1:380, 1:381, 1:382, 1:383, 1:384, 1:385, 1:386, 1:387, 1:388, 1:389, 1:390, 1:391, 1:392, 1:393, 1:394, 1:395, 1:396, 1:397, 1:398, 1:399, 1:400, 1:401, 1:402, 1:403, 1:404, 1:405, 1:406, 1:407, 1:408, 1:409, 1:410, 1:411, 1:412, 1:413, 1:414, 1:415, 1:416, 1:417, 1:418, 1:419, 1:420, 1:421, 1:422, 1:423, 1:424, 1:425, 1:426, 1:427, 1:428, 1:429, 1:430, 1:431, 1:432, 1:433, 1:434, 1:435, 1:436, 1:437, 1:438, 1:439, 1:440, 1:441, 1:442, 1:443, 1:444, 1:445, 1:446, 1:447, 1:448, 1:449, 1:450, 1:451, 1:452, 1:453, 1:454, 1:455, 1:456, 1:457, 1:458, 1:459, 1:460, 1:461, 1:462, 1:463, 1:464, 1:465, 1:466, 1:467, 1:468, 1:469, 1:470, 1:471, 1:472, 1:473, 1:474, 1:475, 1:476, 1:477, 1:478, 1:479, 1:480, 1:481, 1:482, 1:483, 1:484, 1:485, 1:486, 1:487, 1:488, 1:489, 1:490, 1:491, 1:492, 1:493, 1:494, 1:495, 1:496, 1:497, 1:498, 1:499, 1:500, 1:501, 1:502, 1:503, 1:504, 1:505, 1:506, 1:507, 1:508, 1:509, 1:510, 1:511, 1:512, 1:513, 1:514, 1:515, 1:516, 1:517, 1:518, 1:519, 1:520, 1:521, 1:522, 1:523, 1:524, 1:525, 1:526, 1:527, 1:528, 1:529, 1:530, 1:531, 1:532, 1:533, 1:534, 1:535, 1:536, 1:537, 1:538, 1:539, 1:540, 1:541, 1:542, 1:543, 1:544, 1:545, 1:546, 1:547, 1:548, 1:549, 1:550, 1:551, 1:552, 1:553, 1:554, 1:555, 1:556, 1:557, 1:558, 1:559, 1:560, 1:561, 1:562, 1:563, 1:564, 1:565, 1:566, 1:567, 1:568, 1:569, 1:570, 1:571, 1:572, 1:573, 1:574, 1:575, 1:576, 1:577, 1:578, 1:579, 1:580, 1:581, 1:58

